L Number	Hits		DB	Time stamp
-	17480			2000/09/13 09:51
-	4980	((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2000/09/13 10:01
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR		
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))		
-	6044	((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2000/09/13 10:02
		THICKNESS)		
-	2237	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2001/06/28 17:30
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR		
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))		
_	261			2000/09/13 10:07
	201	(((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))		2000/09/13 10.07
-	203	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2000/09/13 10:08
	200	((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		2000/00/10 10:00
		((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	•	
		THICKNESS)))		
-	44	(((((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2000/09/13 10:09
		((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
1		THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
j l	4.0	OR END\$2)))))		
-	12	1 (((((((((((((((((((((((((((((((((((((2000/09/13 10:12
		((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND ((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
		OR END\$2)))))) AND DRAW)) AND MOLD\$3)		
-	0	((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND		2000/09/13 10:12
	:	((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
		OR END\$2)))))) not "12"		
-	13			2000/09/13 10:15
		((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND ((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND ((((BALLOON AD3 PREPORM) OR		
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
		OR END\$2)))))) AND DRAW)		
_	32			2000/09/13 10:25
		((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		1
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR		
1		BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
		OR END\$2)))))) NOT (((((((((((BALLOON ADJ PREFORM)		
		OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ		
		TEMPERATURE\$2))) AND ((((BALLOON ADJ PREFORM)		
		OR BALLOON)) AND THICKNESS)))) AND ((((BALLOON		
		ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12		
		MIDDLE OR CENTER OR END\$2))))) AND DRAW)) AND		
		(MIDDLE OR CENTER OR END\$2))))) AND DRAW)) AND		
L	L	1 0 2 0 4 0 ///	L	L.,_,

-	159		2000/09/13	16:05
		((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND		
		(((((BALLOON ADJ PREFORM) OR BALLOON)) AND	1	
		THICKNESS)))) NOT ((((((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ	İ	
		TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM)		ļ
		OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON		1
		ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR		
		ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12		
		(MIDDLE OR CENTER OR END\$2))))))	ţ	1
-	2	("5948345" OR "5807520").PN.	2000/09/13	16:05
-	16	(== :== := = :: = : : : = : : : : = : =	2000/09/13	16:10
		"5556383" OR "5498377" OR "5441489" OR "5273706" OR		
		"5094806" OR "5746968" OR "5500180" OR "5490839" OR		
i		"5223205" OR "5156612" OR "5017325" OR "4963313").PN.		
-	16	((("5948345" OR "5807520" OR "5714110" OR "5891386" OR	2000/09/13	16:26
		"5556383" OR "5498377" OR "5441489" OR "5273706" OR		
		"5094806" OR "5746968" OR "5500180" OR "5490839" OR		į
		"5223205" OR "5156612" OR "5017325" OR "4963313").PN.)		l
		AND THICKNESS)		
-	16	((((("5948345" OR "5807520" OR "5714110" OR "5891386"	2000/09/13	16:29
	İ	OR "5556383" OR "5498377" OR "5441489" OR "5273706"		
		OR "5094806" OR "5746968" OR "5500180" OR "5490839"		
		OR "5223205" OR "5156612" OR "5017325" OR		
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		
		REMOV\$3))		i
-	16	((((((("5948345" OR "5807520" OR "5714110" OR "5891386"	2000/09/13	16:30
		OR "5556383" OR "5498377" OR "5441489" OR "5273706"		
		OR "5094806" OR "5746968" OR "5500180" OR "5490839"		
		OR "5223205" OR "5156612" OR "5017325" OR		
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		i
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		
		REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))		
-	16	(((((((("5948345" OR "5807520" OR "5714110" OR	2000/09/13	16:30
		"5891386" OR "5556383" OR "5498377" OR "5441489" OR		1
		"5273706" OR "5094806" OR "5746968" OR "5500180" OR		
		"5490839" OR "5223205" OR "5156612" OR "5017325" OR]
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		İ
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		
		REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND		
	1	TEMPERATURE\$2)		
-	0	((((((((("5948345" OR "5807520" OR "5714110" OR	2000/09/13	16:31
		"5891386" OR "5556383" OR "5498377" OR "5441489" OR		
		"5273706" OR "5094806" OR "5746968" OR "5500180" OR		
	İ	"5490839" OR "5223205" OR "5156612" OR "5017325" OR		1
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		
		REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND		1
		TEMPERATURE\$2)) and (transition adj glass)	1	1
-	16		2000/09/13	17:21
		"5891386" OR "5556383" OR "5498377" OR "5441489" OR		1
		"5273706" OR "5094806" OR "5746968" OR "5500180" OR		
		"5490839" OR "5223205" OR "5156612" OR "5017325" OR		1
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		1
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		1
		REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND		!
		TEMPERATURE\$2)) AND (GLASS ADJ TRANSITION))		

-	2	((((((((((((((((((((((((((((((((((((((2000/09/13 17:23
		"5891386" OR "5556383" OR "5498377" OR "5441489" OR		
		"5273706" OR "5094806" OR "5746968" OR "5500180" OR		
		"5490839" OR "5223205" OR "5156612" OR "5017325" OR		
		"4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR		
		ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR		į
		REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND		
		TEMPERATURE\$2)) AND (GLASS ADJ TRANSITION)))		
		AND (balloon ADJ preform))		
-	1	"6024752".PN.		2000/09/13 17:24
-	0	"Re32983 Re33561 4413989 4456000 4490421 4906244		2000/09/13 17:28
		4963313 5087394 5108415 5156612 5270086 5304340		
		5334146 5358486 5415635 5443495 5447497 5470313		
		5512051 5514092 5556383 5733301 ".PN.	İ	
-	22	(RE32983 OR RE33561 OR "4413989" OR "4456000" OR		2000/09/13 18:46
		"4490421" OR "4906244" OR "4963313" OR "5087394" OR		
		"5108415" OR "5156612" OR "5270086" OR "5304340" OR		
		"5334146" OR "5358486" OR "5415635" OR "5443495" OR		
		"5447497" OR "5470313" OR "5512051" OR "5514092" OR		
		"5556383" OR "5733301").PN.		
1_	1	"5587125".PN.	1.1	2000/09/13 18:49
1 _	1	"5514092".PN.		2000/09/13 18:49
-		(PARISON OR (PREFORM NEAR BALLOON))		2000/09/13 16:49
-	2775	(((PARISON OR (PREFORM NEAR BALLOON))) AND		
-	2//5	1 '''	*	2000/09/14 14:43
	1756	TUB\$3)		0000/00/44 44.45
-	1756	(((((PARISON OR (PREFORM NEAR BALLOON))) AND		2000/09/14 14:45
		TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR	11 (1)	
	1460	REMOV\$3))		0000/00/44 47:40
-	1469	(((((((PARISON OR (PREFORM NEAR BALLOON))) AND		2000/09/14 17:10
1 49		TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		REMOV\$3))) AND END\$2)		
-	177	((((((((PARISON OR (PREFORM NEAR BALLOON))) AND		2000/09/14 14:48
		TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		REMOV\$3))) AND END\$2)) AND (GLASS ADJ		
		TRANSITION))		
1-	167	((((((((((((((((((((((((((((((((((((((2000/09/14 14:52
	ļ	TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		REMOV\$3))) AND END\$2)) AND (GLASS ADJ		
	ĺ	TRANSITION))) AND ((GLASS ADJ TRANSITION) ADJ		
		TEMPERATURE))		
-	153			2000/09/14 14:53
		AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		REMOV\$3))) AND END\$2)) AND (GLASS ADJ		
		TRANSITION))) AND ((GLASS ADJ TRANSITION) ADJ		
		TEMPERATURE))) AND POLYMER\$3)		
-	14			2000/09/14 17:08
		604/\$.CCLS.) AND ((((((((((PARISON OR (PREFORM		
		NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR	1	
	1	ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND		
		(GLASS ADJ TRANSITION))) AND ((GLASS ADJ		
		TRANSITION) ADJ TEMPERATURE))) AND POLYMER\$3)		
-	132	((((((((PARISON OR (PREFORM NEAR BALLOON))) AND		2000/09/14 17:11
		TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR		
		REMOV\$3))) AND END\$2)) AND MEDICAL)		
_	5821	(BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND		2000/09/14 21:45
		TUB\$3 AND END\$2)		
_	866	(BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON		2000/09/14 21:50
		AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND		
	1	END\$2)) AND TUB\$3 AND END\$2)		
_	277	(((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON		2000/09/14 21:58
		AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND		
		END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR		
		ETCH\$3) SAME END\$2))	İ	
1	1	LI STIPS OF WITE LIABURES		

-	101	(((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON		2000/09/14 22:01
	ļ	AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND		
	į	END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR		
	}	ETCH\$3) WITH END\$2))		
-	22	(((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON		2000/09/14 22:02
		AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND		
}		END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR		
	_	ETCH\$3) WITH TUB\$3 WITH END\$2))		
-	2	("5447497" "5807520").pn.	USPAT	2000/11/28 12:41
-	31	balloon adj preform\$2	USPAT	2000/11/28 12:45
-	28	(balloon adj preform\$2) and remov\$4	USPAT	2000/11/28 12:46
-	4708	balloon and wall and thickness	USPAT	2000/11/29 11:05
-	1585	(balloon and wall and thickness) and constant	USPAT	2000/11/29 11:06
-	24	((balloon and wall and thickness) and constant) and	USPAT	2000/11/29 11:06
	11	(constant adj wall adj thickness) (balloon adj preform) and thermoplastic and (tube tubing)	LICDAT	2004/06/20 46:27
-	''	(balloon adj preform) and thermoplastic and (tube tubing)	USPAT;	2001/06/28 16:37
	4	((balloon adj preform) and thermoplastic and (tube tubing))	US-PGPUB USPAT;	2004/06/20 46:20
-	-	and (glass adj transition adj temperature)	US-PGPUB	2001/06/28 16:30
_	7	((balloon adj preform) and thermoplastic and (tube tubing))	US-PGPUB USPAT;	2001/06/28 16:37
_	1	not (((balloon adj preform) and thermoplastic and (tube	US-PGPUB	200 1/00/20 10.3/
		tubing)) and (glass adj transition adj temperature))	00-1000	
1_	4645	(PARISON OR (PREFORM NEAR BALLOON))	USPAT;	2001/06/28 18:37
_	1045	(I ANIGON ON (I NEI ONIII NEAN BALLOON))	US-PGPUB	2001/00/20 10.57
_	1922	((PARISON OR (PREFORM NEAR BALLOON))) and	USPAT;	2001/06/28 18:37
	1022	thermoplastic	US-PGPUB	2001/00/20 10:07
_	2450	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT:	2001/06/28 18:39
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS)))		
	46	(((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 17:34
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS)))) and parison		
-	34	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 17:35
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
	ļ	THICKNESS)))) and (((PARISON OR (PREFORM NEAR		
	49	BALLOON))) and thermoplastic) ((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 17:36
-	49	((((((()) BALLOON AD) FREFORM) OR BALLOON)) AND	US-PGPUB	2001/00/20 17.30
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))	00-1 01 05	
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
	1	THICKNESS)))) and parison) (((((((BALLOON ADJ		
1	1	PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3		
	1	OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE		
1		OR CENTER OR END\$2)))) AND (((((BALLOON ADJ		
		PREFORM) OR BALLOON)) AND THICKNESS)))) and		
		(((PARISON OR (PREFORM NEAR BALLOON))) and		
		thermoplastic))		
-	49	(((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 17:39
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
1		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS)))) and parison) (((((((BALLOON ADJ		
Į.		PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3		
1	1	OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE		
		OR CENTER OR END\$2)))) AND ((((BALLOON ADJ		
		PREFORM) OR BALLOON)) AND THICKNESS)))) and		
		(((PARISON OR (PREFORM NEAR BALLOON))) and		
L	L	thermoplastic))		





	- 40	WWW.		
-	49	(((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and parison) (((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((((BALLOON ADJ	USPAT; US-PGPUB	2001/06/28 18:02
		PREFORM) OR BALLOON)) AND THICKNESS)))) and (((PARISON OR (PREFORM NEAR BALLOON))) and		
		thermoplastic)) and (grind\$3 etch43 remov\$3 thin\$4 turn\$4)		
_	2175	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT:	2001/06/28 19:02
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	200 1700/20 10:02
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
	10	THICKNESS))) and (tube tubing)		
-	49	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	USPAT; US-PGPUB	2001/06/28 18:08
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))	03-FGF0B	
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS))) and (tube tubing)) and ((balloon adj preform)		
	94	parison)		0004/00/00 40 07
-	34	(((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) and ((((((BALLOON ADJ PREFORM) OR	USPAT; US-PGPUB	2001/06/28 18:37
		BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR	00-1-01-05	
		TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER		
		OR END\$2)))) AND (((((BALLOON ADJ PREFORM) OR		
		BALLOON)) AND THICKNESS))))	LICDAT	0004/00/00 40:00
-	6	(PARISON OR (PREFORM NEAR BALLOON)) and thermoplstic	USPAT; US-PGPUB	2001/06/28 18:38
_	1922	(PARISON OR (PREFORM NEAR BALLOON)) and	USPAT:	2001/06/28 18:39
		thermoplastic	US-PGPUB	200 1700/20 10:00
-	34	((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 18:41
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR	US-PGPUB	
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND ((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS))) and ((PARISON OR (PREFORM NEAR		
		BALLOON)) and thermoplastic)		
-	0	(((((((BALLOON ADJ PREFORM) OR BALLOON)) AND	USPAT;	2001/06/28 18:41
		((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))	US-PGPUB	
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
		THICKNESS))) and ((PARISON OR (PREFORM NEAR		
		BALLOON)) and thermoplastic)) not ((((PARISON OR		
		(PREFORM NEAR BALLOON))) and thermoplastic) and		
		(((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR		
		REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2))))		
		AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND		
	4=	THICKNESS)))))		0004/00/55 15 51
-	479565	(tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4)	USPAT;	2001/06/28 18:54
	16	((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4))	US-PGPUB USPAT;	2001/06/28 18:45
-	10	and (balloon adj preform)	US-PGPUB	230 1/00/20 10.40
-	16	((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4))	USPAT;	2001/06/28 18:45
		and (balloon adj preform)	US-PGPUB	
-	16	(tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4)	USPAT;	2001/06/28 18:55
	0	and (balloon adj preform) (((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4))	US-PGPUB USPAT;	2001/06/28 18:56
-		and (balloon adj preform)) not ((tube tubing) and (remov\$4	US-PGPUB	200 1/00/20 10.00
		thin\$4 etch\$4 grind\$4 turn\$4) and (balloon adj preform))		
-	15	(BALLOON ADJ PREFORM) AND (GRIND\$3 OR ETCH\$3	USPAT;	2001/06/28 19:04
		OR THIN\$4 OR TURN\$3 OR REMOV\$3) AND THICKNESS	US-PGPUB	
		and (tube tubing)	<u> </u>	

	,			
-	0	((BALLOON ADJ PREFORM) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) AND THICKNESS and (tube tubing)) not ((tube tubing) and (remov\$4 thin\$4	USPAT; US-PGPUB	2001/06/28 19:04
		etch\$4 grind\$4 turn\$4) and (balloon adj preform))		
_	8235	(manufactur\$4 mak\$4 construct\$4) and balloon\$2 and catheter\$2	USPAT; US-PGPUB	2001/06/28 19:58
-	9071	balloon\$2 and catheter\$2	USPAT; US-PGPUB	2001/06/28 19:59
-	3619	balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.)	USPAT; US-PGPUB	2001/06/28 19:59
-	2763	(balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.)) and expand\$4	USPAT; US-PGPUB	2001/06/28 20:03
-	16	(balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.)) and expand\$4 and thickness and cone\$2 and waist\$2	USPAT; US-PGPUB	2001/06/28 20:48
-	1	6193738.pn.	USPAT; US-PGPUB	2001/06/28 20:48
	30	("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520"	USPAT; US-PGPUB	2001/06/28 20:48
-	1	"5826588").PN. 5797878.pn.	USPAT; US-PGPUB	2001/06/28 22:46
-	2	("6193738" "6024752").pn.	USPAT; US-PGPUB	2001/12/17 09:29
-	22	("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906244" "4963313" "5087394" "5108415" "5156612" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5733301").PN.	USPAT; US-PGPUB	2001/12/17 14:09
-	0	6024752.URPN.	USPAT; US-PGPUB	2001/12/17 14:53
	30	("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588" "Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588").PN.	USPAT; US-PGPUB	2001/12/17 14:53
-	0	6193738.ÚRPN.	USPAT;	2001/12/17 16:08
-	0	6024752.URPN.	US-PGPUB USPAT;	2001/12/17 16:09
-	1	5733301.pn.	US-PGPUB USPAT; US-PGPUB	2001/12/17 17:26
-	434	(grinding ground) with balloon\$2	USPAT; US-PGPUB	2001/12/17 17:31
-	7	((grinding ground) with balloon\$2) and waist	USPAT; US-PGPUB	2001/12/17 20:14
-	284	((grinding ground) with balloon\$2) and (con\$4 tap\$5)	USPAT; US-PGPUB	2001/12/17 20:23
-	163	((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)	USPAT; US-PGPUB	2001/12/17 20:18
-	1	((grinding ground) with balloon\$2) and (tappered)	USPAT; US-PGPUB	2001/12/17 20:46
-	1	((grinding ground) with balloon\$2) and (tapper\$3)	USPAT; US-PGPUB_	2001/12/17 20:23

				222
-	284	(((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered))	USPAT; US-PGPUB	2001/12/17 20:35
-	90	(((grinding ground) with balloon\$2) and (tapper\$3)) ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5	USPAT; US-PGPUB	2001/12/17 20:36
		conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4		0004440447.00.40
-	58	((grinding ground) with balloon\$2) and (taper\$3)	USPAT; US-PGPUB	2001/12/17 20:46
-	30	(((grinding ground) with balloon\$2) and (taper\$3)) not ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4)	USPAT; US-PGPUB	2001/12/17 21:25
-	419	balloon and waist	USPAT; US-PGPUB	2001/12/17 21:26
-	266	(balloon and waist) and thick\$4	USPAT; US-PGPUB	2001/12/17 21:27
-	259	((balloon and waist) and thick\$4) not (((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4) ((((grinding ground) with balloon\$2) and (taper\$3)) not ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and	USPAT; US-PGPUB	2001/12/17 21:30
-	96	thick\$4))) (balloon and waist) and (balloon with thick\$4)	USPAT; US-PGPUB	2001/12/17 21:31
-	92	((balloon and waist) and (balloon with thick\$4)) not ((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4) ((((grinding ground) with balloon\$2) and (tapper\$3)) not ((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) ((((grinding ground) with balloon\$2) and (tapper\$3)) conical)) ((((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4)))	USPAT; US-PGPUB	2001/12/17 21:40
-	60	balloon and waist and cone	USPAT; US-PGPUB	2001/12/17 21:40
-	45	(balloon and waist and cone) and thickness	USPAT; US-PGPUB	2001/12/17 22:10
-	0	("5826588" "4906241" "4963313").pn. and cone and waist and balloon	USPAT; US-PGPUB	2001/12/17 22:12
-	1	("5826588" "4906241" "4963313").pn. and balloon and cone	USPAT; US-PGPUB	2001/12/17 22:12
-	0	("5826588" "4906241" "4963313").pn. and balloon and waist	USPAT; US-PGPUB	2001/12/17 22:12
-	3	("5826588" "4906241" "4963313").pn. and balloon	USPAT; US-PGPUB	2001/12/17 23:18
-	1	("6024752").pn.	USPAT; US-PGPUB	2001/12/17 23:39
-	22	("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906244" "4963313" "5087394" "5108415" "5156612" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5733301").PN.	USPAT; US-PGPUB	2001/12/17 23:39

	2	/"6102720"\ nn	LICDAT	0004/40/40 00:45
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			EPO; JPO;	
			DERWENT;	
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-	30	(1.000000 1.000000 1.1000000 1.1000000 1.10000000	USPAT;	2001/12/17 23:44
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		"5512051" "5514092" "5556383" "5587125" "5681522"		
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	3	1	LICDAT	2004/40/40 00:40
-	3	("5807520").pn.	USPAT;	2001/12/18 00:16
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			DERWENT;	
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-		("5807520").pn.	USPAT;	2001/12/18 00:38
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-	1 0		US-PGPUB	2001/12/18 00:45
-	0	5733301.pn.	US-PGPUB	2001/12/18 00:45
-	1	5733301.pn.	USPAT;	2001/12/18 00:45
		5006500 nn and mind@4	US-PGPUB	0004/40/40 00 57
_	0	5826588.pn. and grind\$4	USPAT;	2001/12/18 08:57
		5722204 nn and mind#4	US-PGPUB	0004440440 00 50
-	0	5733301.pn. and grind\$4	USPAT;	2001/12/18 08:58
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-	1	5733301.pn.	USPAT;	2001/12/18 08:58
	1	1	US-PGPUB	